CLAIMS

What is claimed is:

1. A method for providing network functionality and voice-over-IP services to a remote user at a deployed location, comprising:

providing an encryption module having a secure side and a non-secure side;

accessing said non-secure side of said encryption module with bulk network data;

passing said bulk network data through said encryption module to produce encrypted bulk network data;

encapsulating said encrypted bulk network data in IP packets; and

routing said encapsulated encrypted bulk network data through an Internet.

2. The method for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 1, further comprising:

routing said encapsulated encrypted bulk network data to a direct one-to-one connection via a satellite.

3. The method for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 2, wherein:

said routing is performed with an Ethernet to ISDN router.

4. The method for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 1, wherein:

said encryption module is a KIV-7 encryption module.

5. The method for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 1, wherein:

said encryption module is a KIV-21 encryption module.

6. The method for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 1, wherein:

a voice channel is transmitted through said encryption module as voice-over-IP (VoIP).

7. The method for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 6, wherein:

two voice channels encapsulated in IP packets are transmitted through said encryption module.

8. Apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location, comprising:

encryption means for encrypting data, said encryption means including a secure side and a non-secure side;

means for accessing said non-secure side of said encryption module with bulk network data;

means for passing said bulk network data through said encryption module to produce encrypted bulk network data;

means for encapsulating said encrypted bulk network data in IP packets; and

means for routing said encapsulated encrypted bulk network data through an Internet.

9. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 8, further comprising:

means for routing said encapsulated encrypted bulk network data to a direct one-to-one connection via a satellite.

10. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 9, wherein said means for routing via a satellite comprises:

an Ethernet to ISDN router.

11. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 8, wherein said encryption means comprises:

a KIV-7 encryption module.

12. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 8, wherein said encryption means comprises:

a KIV-21 encryption module.

13. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 8, wherein:

said encryption means passes a voice channel as voice-over-IP (VoIP).

14. The apparatus for providing network functionality and voice-over-IP services to a remote user at a deployed location according to claim 13, wherein:

said encrytion means passes two voice channels encapsulated in IP packets.

15. A method of providing a deployable communication system, comprising:

passing network data through a KIV type encryption device to provide bulk encrypted data;

encapsulating said bulk encrypted data in IP packets; and

routing said IP encapsulated, bulk encrypted data over an Internet;

wherein said deployable communication system enables routing of secure communications via said Internet.

16. The method of providing a deployable communication system according to claim 15, wherein:

said KIV type encryption device is a KIV-7 encryption device.

17. The method of providing a deployable communication system according to claim 15, wherein:

said KIV encryption device is a KIV-21 encryption device.

18. Apparatus for providing a deployable communication system, comprising:

means for passing network data through a KIV type encryption device to provide bulk encrypted data;

means for encapsulating said bulk encrypted data in IP packets; and

means for routing said IP encapsulated, bulk encrypted data over an Internet;

wherein said deployable communication system enables routing of secure communications via said Internet.

19. The apparatus for providing a deployable communication system according to claim 18, wherein:

said KIV type encryption device is a KIV-7 encryption device.

20. The apparatus for providing a deployable communication system according to claim 18, wherein:

said KIV encryption device is a KIV-21 encryption device.